



Digital Audio Embedder for SDI



GEF-SDI-AUDE

Embed up to four audio streams onto an SDI signal

The GefenPRO 3GSDI Audio Embedder allows you to embed up to four AES/EBU digital audio streams into an SDI, ED-SDI, HD-SDI, or 3G-SDI signal. Selection and routing of each audio group / pair can be configured via RS-232.

How It Works

Connect an SDI source to the SDI input BNC connector. Connect the SDI Loop Out BNC connector to a display for monitoring the unprocessed signal. Connect the Output BNC connector to an SDI + AES/EBU acceptor (such as video broadcast equipment). Connect up to four AES/EBU digital audio sources (such as DAT-Players) to the Audio In BNC connectors. Connect an RS-232 cable from the Audio Embedder to a PC or home automation system. Connect the AC power cord to the Audio Embedder and power on the unit. RS-232 commands can be sent from the PC or automation system to select the audio group and pair to be embedded into the video signal.

NOTE: This product is not compatible with dual-link HD-SDI sources.

Features*

- Supports SDI, ED-SDI, Single-Link HD-SDI, and 3G-SDI
- Allows individual digital audio channels to be re-arranged on the output
- Audio delay adjustment for each pair of audio outputs (0 – 150 ms)
- 3G-SDI detection
- Built-in pattern generator
- LED Status Indicators
- Standby Mode
- Firmware upgradeable via RS-232 interface

Specifications*

- Supported formats:
 - SDI (SMPTE 259M)
 - ED-SDI (SMPTE 344M)
 - Single-Link HD-SDI (SMPTE 292M)
 - 3G-SDI (SMPTE 424M)
- SDI Input Connector: (1) BNC, female
- SDI Loop Out Connector: (1) BNC, female
- SDI Output Connector: (1) BNC, female
- Digital Audio Input Connectors: (4) BNC, female
- RS-232 Connector: (1) DB-9, female
- Power On Indicator: (1) LED, blue
- 3G-SDI Indicator: (1) LED, blue
- Audio Embedder Indicator: (1) LED, blue
- SDI/HD-SDI Signal Indicator: (1) LED, bi-color (red/green)
- Power Supply: 100 - 240V AC (Internal)
- AC Power Connector: (1) IEC type



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